

WEST**Freeform Search****Database:**

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term:

(direct\$3 adj3 pcr) same stool

Display:**Documents in Display Format:****Starting with Number****Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search History

DATE: Monday, April 22, 2002 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

<u>L28</u>	(direct\$3 adj3 pcr) same stool	11	<u>L28</u>
<u>L27</u>	(direct\$3 adj3 pcr) and stool	78	<u>L27</u>
<u>L26</u>	pcr same stool	97	<u>L26</u>
<u>L25</u>	L23 same stool	2	<u>L25</u>
<u>L24</u>	L23 same blood	44	<u>L24</u>
<u>L23</u>	primer adj extension	3768	<u>L23</u>
<u>L22</u>	119	0	<u>L22</u>

DB=DWPI; PLUR=YES; OP=OR

<u>L21</u>	117 same urine	0	<u>L21</u>
<u>L20</u>	L17 same stool	0	<u>L20</u>
<u>L19</u>	L17 same blood	3	<u>L19</u>
<u>L18</u>	L17 and blood	14	<u>L18</u>
<u>L17</u>	primer adj extension	359	<u>L17</u>
<u>L16</u>	sprimer adj aextension	0	<u>L16</u>

DB=USPT; PLUR=YES; OP=OR

<u>L15</u>	stool same direct adj2 amplification	0	<u>L15</u>
<u>L14</u>	stool same urine same primer	33	<u>L14</u>

DB=DWPI; PLUR=YES; OP=OR

<u>L13</u>	L12 same primer	8	<u>L13</u>
<u>L12</u>	stool same urine	167	<u>L12</u>

DB=USPT; PLUR=YES; OP=OR

<u>L11</u>	(primer adj extension) same stool	2	<u>L11</u>
<u>L10</u>	18 same (primer adj extension)	1	<u>L10</u>
<u>L9</u>	L8 same primer	39	<u>L9</u>
<u>L8</u>	16 same 17	285	<u>L8</u>
<u>L7</u>	dna or (nucleic adj acid)	58085	<u>L7</u>
<u>L6</u>	stool	5367	<u>L6</u>
<u>L5</u>	L4	0	<u>L5</u>

DB=DWPI; PLUR=YES; OP=OR

<u>L4</u>	primer same 13	6	<u>L4</u>
<u>L3</u>	11 same 12	44	<u>L3</u>
<u>L2</u>	dna or nucleic adj acid	53622	<u>L2</u>
<u>L1</u>	stool	2586	<u>L1</u>

END OF SEARCH HISTORY

WEST

Generate Collection

Print

L19: Entry 2 of 3

File: DWPI

Jul 22, 1997

DERWENT-ACC-NO: 1997-419398
DERWENT-WEEK: 199739
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TITLE: Direct PCR method of amplifying nucleic acid - by use of whole blood as a template

PATENT-ASSIGNEE: TOYOBO KK (TOYM)

PRIORITY-DATA: 1996JP-0001572 (January 9, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 09187277 A	July 22, 1997		006	C12N015/09

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP09187277A	January 9, 1996	1996JP-0001572	

INT-CL (IPC): C12 N 15/09; C12 Q 1/68

ABSTRACTED-PUB-NO: JP09187277A

BASIC-ABSTRACT:

A direct polymerase chain reaction (PCR) method of amplifying nucleic acid comprises allowing 2 or more primers complementary to target DNA, deoxyribonucleotide phosphate, and thermostable DNA polymerase to act in a buffer on a blood sample (i.e. whole blood collected from humans) containing target DNA originating in leukocytes, then (1) annealing the primers to the target DNA, (b) conducting primer extension reaction by the action of the thermostable DNA polymerase to synthesise double-stranded (ds) DNA, (c) separating the resulting ds DNA into single-stranded DNAs, and (d) repeating the steps (a) to (c) using the resulting DNA amplification product as a template.

USE - The nucleic acid amplification product obtained by the method is used for diagnosis of diseases such as AIDS, hepatitis C, tuberculosis, cholera, etc. or for diagnosis of hereditary diseases.

ADVANTAGE - Blood after collection can be used as a template without treating it, and the detection sensitivity of the method is significantly improved.

ABSTRACTED-PUB-NO: JP09187277A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/1

DERWENT-CLASS: B04 D16

CPI-CODES: B04-E01; B12-K04A; D05-H09; D05-H18B;